

## Kett KS-426

# Kett KS-426 Panel Cutting Saw User Manual

Model: KS-426

Brand: Kett

## INTRODUCTION

The Kett KS-426 Panel Cutting Saw is designed for precision cutting of various materials. It efficiently slits thin-walled metal-clad cable for stripping and can be used on both aluminum and steel armored cable. The saw features a cast aluminum head with a positive depth-stop, allowing precise blade penetration to protect insulated wires. This variable-speed electric saw is capable of cutting panels, plastic, and other rigid materials up to 1/4-inch thick, aluminum up to 1/8-inch, and cold-rolled mild steel up to 16-gauge and lighter. Powered by a 2500 RPM, 5-AMP variable speed electric motor, it provides ample power for diverse cutting tasks.



Figure 1: Kett KS-426 Panel Cutting Saw

## SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating power tools.

- **Read all instructions:** Familiarize yourself with the tool's operation and safety guidelines before use.
- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses, hearing protection, and gloves.
- **Secure workpiece:** Ensure the material being cut is stable and clamped securely to prevent movement during operation.
- **Maintain a clean work area:** Cluttered areas and benches invite accidents.
- **Avoid dangerous environments:** Do not use power tools in damp or wet locations, or expose them to rain. Keep work area well lit.
- **Keep children away:** All visitors should be kept a safe distance from the work area.
- **Store idle tools:** When not in use, tools should be stored in a dry, high, or locked-up place, out of reach of children.
- **Do not force tool:** It will do the job better and safer at the rate for which it was designed.
- **Use the right tool:** Do not force small tool or attachment to do the job of a heavy duty tool.
- **Dress properly:** Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- **Disconnect tools:** When not in use, before servicing, or when changing accessories, disconnect tools from power supply.

- **Avoid unintentional starting:** Do not carry plugged-in tool with finger on switch.
- **Check for damaged parts:** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual.

## COMPONENTS

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The Kett KS-426 Panel Cutting Saw includes the following main components:

- Saw Guard Assembly (268-20)
- Saw Body (156-21)
- Saw Guard (160-20)
- 2" & 2-1/2" Saw Blade
- Electric Motor (5-AMP, Variable Speed)
- Cast Aluminum Saw Head
- Depth-Stop Mechanism

## SETUP

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1. **Unpacking:** Carefully remove the saw and all components from the packaging. Inspect for any damage that may have occurred during shipping.
2. **Blade Installation:**
  - Ensure the tool is unplugged from the power source.
  - Refer to the saw guard assembly for proper blade orientation.
  - Securely fasten the saw blade using the provided hardware. Ensure it is seated correctly and tightened to prevent wobbling during operation.
3. **Depth Adjustment:**
  - The saw features a positive depth-stop. Adjust the depth-stop to ensure the blade penetrates only the material's sheath, protecting underlying wires or surfaces.
  - Perform a test cut on a scrap piece of material to verify the desired cutting depth before beginning your project.
4. **Power Connection:** Connect the 8-foot power cord to a standard 120-volt electrical outlet. Ensure the outlet is properly grounded.

## OPERATING INSTRUCTIONS

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Follow these steps for safe and effective operation of your Kett KS-426 Panel Cutting Saw:

1. **Prepare Workpiece:** Place the material to be cut on a stable, flat surface. Secure it with clamps if necessary to prevent movement.
2. **Grip the Tool:** Hold the saw firmly with both hands, ensuring a secure grip on the handle. The ergonomic and lightweight design is intended for comfortable use.

3. **Start the Saw:** Press the trigger switch to activate the motor. The variable speed feature allows you to control the RPM up to 2500 RPM. Start at a lower speed for initial engagement and increase as needed.
4. **Begin Cutting:** Gently guide the saw blade into the material. Apply steady, even pressure. Allow the saw to do the work; do not force it.
5. **Follow Cut Line:** Maintain a clear view of your cutting line and guide the saw along it. The compact blade guard assists in smooth and safe plunge cuts.
6. **Cutting Specific Materials:**
  - **Metal-Clad Cable:** Use the depth-stop to set the blade to just penetrate the outer sheath, protecting the internal wires.
  - **Panels, Plastic, Rigid Materials:** Can cut up to 1/4-inch thick.
  - **Aluminum:** Can cut up to 1/8-inch thick.
  - **Cold-Rolled Mild Steel:** Can cut up to 16-gauge and lighter.
7. **Complete Cut:** Continue cutting until the desired length or shape is achieved.
8. **Stop the Saw:** Release the trigger switch to turn off the motor. Wait for the blade to come to a complete stop before setting the tool down.



Figure 2: Operating the Kett KS-426 Panel Cutting Saw

## Official Product Video

Your browser does not support the video tag.

Video 1: Overview of Kett Tool Company products, demonstrating various cutting applications including panel cutting.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Kett KS-426 Panel Cutting Saw.

- **Cleaning:** After each use, unplug the tool and clean off any dust, debris, or metal shavings from the

saw head, blade, and motor vents. Use a dry cloth or soft brush.

- **Blade Inspection:** Regularly inspect the saw blade for sharpness, damage, or excessive wear. A dull or damaged blade can affect cutting performance and safety. Replace blades as needed.
- **Lubrication:** Refer to the detailed service manual for specific lubrication points and schedules, if applicable. Generally, moving parts may require periodic lubrication.
- **Cord Inspection:** Check the power cord for any cuts, fraying, or damage. Do not use the tool if the cord is damaged.
- **Storage:** Store the tool in a dry, secure location away from moisture and extreme temperatures.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start	No power supply; Damaged power cord; Faulty switch	Check power outlet; Inspect power cord for damage; Contact authorized service center for switch replacement.
Poor cutting performance	Dull or damaged blade; Incorrect cutting depth; Material too thick for tool	Replace blade; Adjust depth-stop; Verify material thickness is within specifications.
Excessive vibration or noise	Loose blade; Damaged internal components	Ensure blade is securely fastened; Discontinue use and contact authorized service center.
Overheating	Blocked ventilation; Prolonged heavy use	Clear vents; Allow tool to cool down; Avoid continuous heavy loads.

## SPECIFICATIONS

Feature	Detail
Model	KS-426
Power Source	Corded Electric
Voltage	120 Volts
Amperage	5 Amps
Maximum Rotational Speed	2500 RPM
Blade Length	2 Inches
Cutting Capacity (C.R. Mild Steel)	Up to 16-Gauge
Cutting Capacity (Aluminum)	Up to 1/8-Inch
Cutting Capacity (Panels, Plastic, Rigid Materials)	Up to 1/4-Inch

Feature	Detail
Product Dimensions (L x W x H)	17 x 3 x 7 inches
Item Weight	7 pounds
Cord Length	8 Feet
Special Feature	Variable Speeds

## WARRANTY

The Kett KS-426 Panel Cutting Saw comes with a **1 YEAR LIMITED WARRANTY**. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation included with your product or contact Kett customer support.

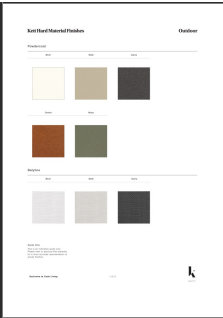

## CUSTOMER SUPPORT


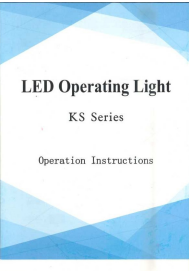


For technical assistance, replacement parts, or warranty inquiries, please contact Kett Tool Company directly.

- Visit the official Kett Tool Company website for contact information and FAQs.
- Refer to the contact details provided on your product packaging or included documentation.

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### Related Documents - KS-426

	<p><a href="#">Kett Outdoor Hard Material Finishes Guide</a></p> <p>Explore the range of Kett Outdoor hard material finishes, including Powdercoat, Batyline, Ceramic, Timber, and Weave options. This guide provides an overview of available textures and colors for outdoor furniture.</p>
	<p><a href="#">Kett Otway Collection Furniture Brochure &amp; Specifications</a></p> <p>Explore the Kett Otway Collection, featuring beautifully crafted furniture including sofas, dining tables, chairs, sideboards, beds, and coffee tables, made from solid Oak and premium materials. Discover dimensions, configurations, and material options.</p>

	<p><a href="#">Sách Hướng Dẫn Sử Dụng Nồi Nấu và Hấp Cơm Tự Động SHARP: Hướng Dẫn Vận Hành, Vệ Sinh và Thông Số Kỹ Thuật</a></p> <p>Sách hướng dẫn chi tiết cho nồi nấu và hấp cơm tự động SHARP, bao gồm cách nấu và hấp thực phẩm, hướng dẫn vệ sinh, thông số kỹ thuật và các biện pháp an toàn. Bao gồm thông tin mẫu mã cho các dòng KS-11EV, KS-N19EV, KS-231EV và KS-R23STV.</p>
	<p><a href="#">Minston KS Series LED Operating Light Operation and Installation Manual</a></p> <p>Detailed manual for Minston KS Series LED Operating Lights, covering product specifications, installation procedures, operation modes, maintenance, safety, and troubleshooting for surgical illumination.</p>
	<p><a href="#">Könnér &amp; Söhnen Generators and Power Solutions Catalog 2025</a></p> <p>Explore the comprehensive range of Könnér &amp; Söhnen generators, portable power stations, solar energy systems, and accessories. Discover high-quality, reliable German-engineered power solutions for home, business, and outdoor use.</p>
	<p><a href="#">Könnér &amp; Söhnen Inverter Generator Owner's Manual</a></p> <p>Comprehensive owner's manual for Könnér &amp; Söhnen inverter generators, covering safety, operation, specifications, and maintenance for models like KS 3300i, KS 4100iE, KS 2000i S, and more.</p>